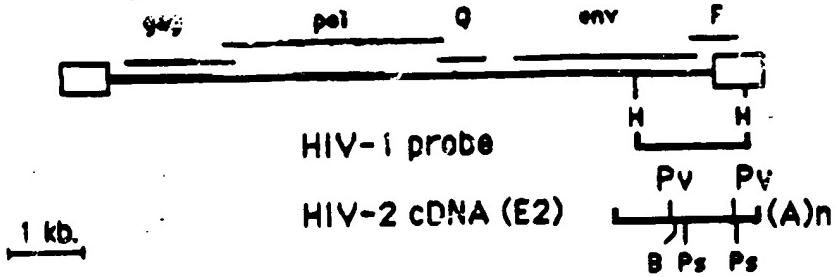


79'

A



JC971 U.S. PTO
09/986634
11/09/01

B

HIV.2 AGTAACTAACAGAA-----ACAGCTGAGACTGC---AGGGACTTYCCAGAAGGGGGCTG
HIV.1 ::::: ::::: ::::: ::::: ::::: ::::: ::::: ::::: ::::: ::::: :::::
ACT-ACTTCAAGAACGTGCTCACATC-GAGCTTGCTACAAGGGACTTTCGGCTGGGGACTT
9000 9010 9020 9030 9040

HIV.2 TAACCUA-----GGGAGGGACATGGGAC---GAGCTGGTGGCGAACGCCCTC
HIV.1 ::::: ::::: ::::: ::::: ::::: ::::: ::::: ::::: :::::
T...CCAGGGAGGGCTGGCCTGGGGACTGGGGAGTGGCGAGC-----CCTC
9050 9060 9070 9080 9090

HIV.2 ATATTCTGTG[TATAAA]TACCCGCCTGCATTGTACTTCAGTCGCTCTGGGAGAGG
HIV.1 ::::: ::::: ::::: ::::: ::::: ::::: ::::: ::::: :::::
AGATG--CTGCATAAAGCAGCTGCTTTGCC-TGTACTGG-GTCTCTGGTAGAC-
9100 9110 9120 9130 9140

U3 R

HIV.2 CTGGCAGATTGAGCCCTGGGAGGTTCTCCAGCACTAGCAGGTAGAGCCTGGGTCTCCC
HIV.1 ::::: ::::: ::::: ::::: ::::: :::
---CAGATTGAGCCCTGGGAGC-TCTCTGGCTAACTACGGAAACCCAC-----
9150 9160 9170 9180 9190

HIV.2 TGCTAGACTCTCACCAAGCACTGGCCGGTCTGGCAGACGGCCCCACGCTTGCTT
HIV.1 -----TGCTT

HIV.2 AAAAAACCTCTT[TATAAA]GCT-GCC---AGTAGAACCA
HIV.1 ::::: ::::: ::::: ::::: ::::: :::
AAG----CCTCA[TATAAA]GCTTGCTTGAGTGCCTCAA
9210 9220

R

26
SCANNED #

Fig 2

A

a b c d e f



Kbp

- 23 -

- 9 -

- 6.6

- 43

• 2.3 •
• 2.0 •

8

a b c d e f



三

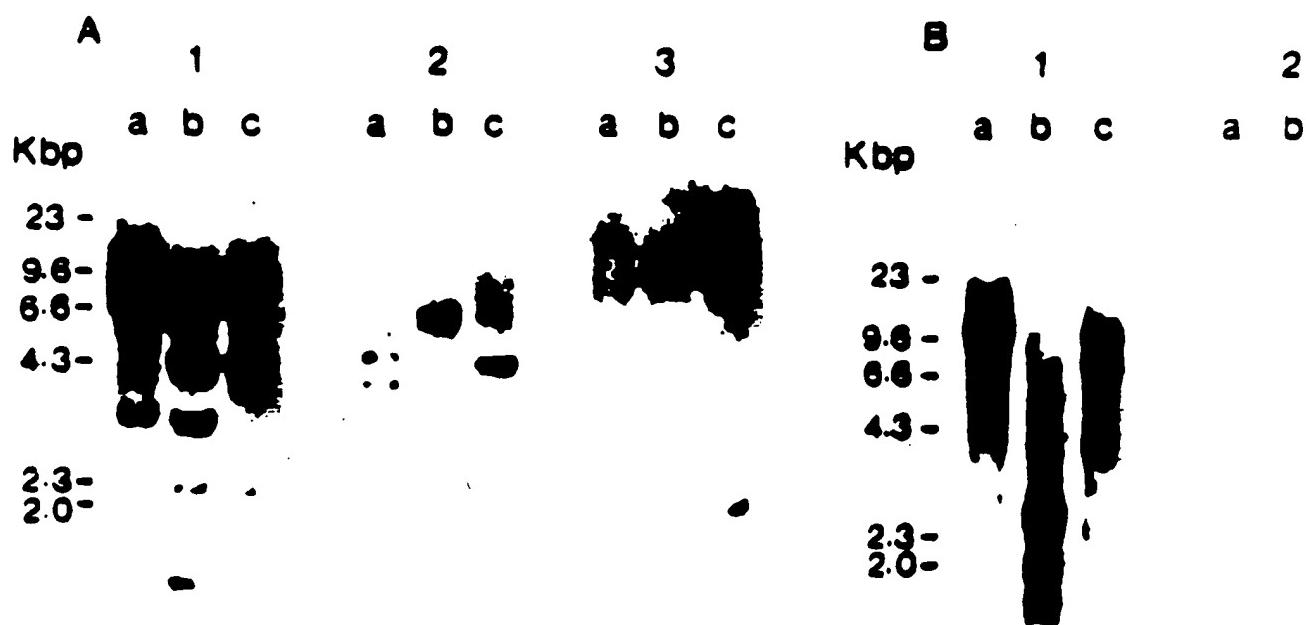
二

A horizontal strip of dark, textured material, possibly a sample or a reference standard. Above the strip, the numbers 1 through 6 are printed sequentially from left to right. To the right of the strip, there is a small, perfectly circular hole.

20
SCANNED #

SCANNED # 29

Fig. 4



SCANNED, # 20

HIV-2 RNA

三

Sandy

The boundaries of Rcd 03 clearly delineated

3'OH (a) R₁ U3

cDNA clone FSE2

No sites in pSS-E2 insert for: AccI / AvrI / BcP_I / Bsp_PI / ClaI / EGAT
HacI / HindIII / KpnI / NdeI / NruI / PvuI / SacI / SphI / XbaI

FIG. 1A

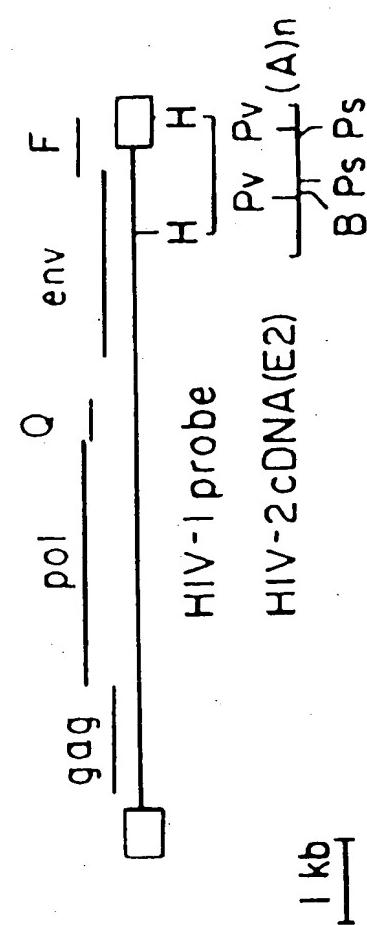


FIG. 1B

HIV.2 AGTAACAGAA-----AGGACTTCTGAGACTGC---AGGACTTCCAGAAGGGCTG
HIV.1 AGT-ACTCAAGAACCTGCTGACATC-GAGCTTGCTAACAAAGGGACTTGGCTGGACCTT
9000 9010 9020 9030 9040

HIV.2 TAACCAA-----GGGAGGGACATGGGAG----GAGCTGGTGGGAACGCC
HIV.1 T-CAGGGAGGGCTGGCCTGGGGACTGGGAGTCGGCTGAGC-----CCCTC
9050 9060 9070 9080 9090

HIV.2 ATATTCTCTGTATAACCGCTGCTTGCATTGACTTCAGTCGCTCTGGAGAGG
HIV.1 AGATG--CTGCTTATGAGCTGCTTTTGGCC-TGATCTGGTTAGAC-
9100 9110 9120 9130 9140 R
U3

HIV.2 CTGGAGATTGAGGCCCTGGAGGTCTCCAGGACATTAGCAGGTAGAGCCTGGGTGCCC
HIV.1 --CAGATTGAGCTGGGAGC-TCTCTGGCTAACATGGAAACCAC-----
9150 9160 9170 9180 9190

HIV.2 TGCTAGACTCTACCAGCACCTGGGGTGGCTGGCTTGCTTGCCT
HIV.1 -----tGCCT

HIV.2 AAAACCTCCATAAAAGCT-GCC---AGTAGAACCA
HIV.1 AAG-----CCCTGAGCTTGGCTTGAAGCTTCAA
920 9220 R
Hind III

BEST AVAILABLE COPY

FIG. 2A

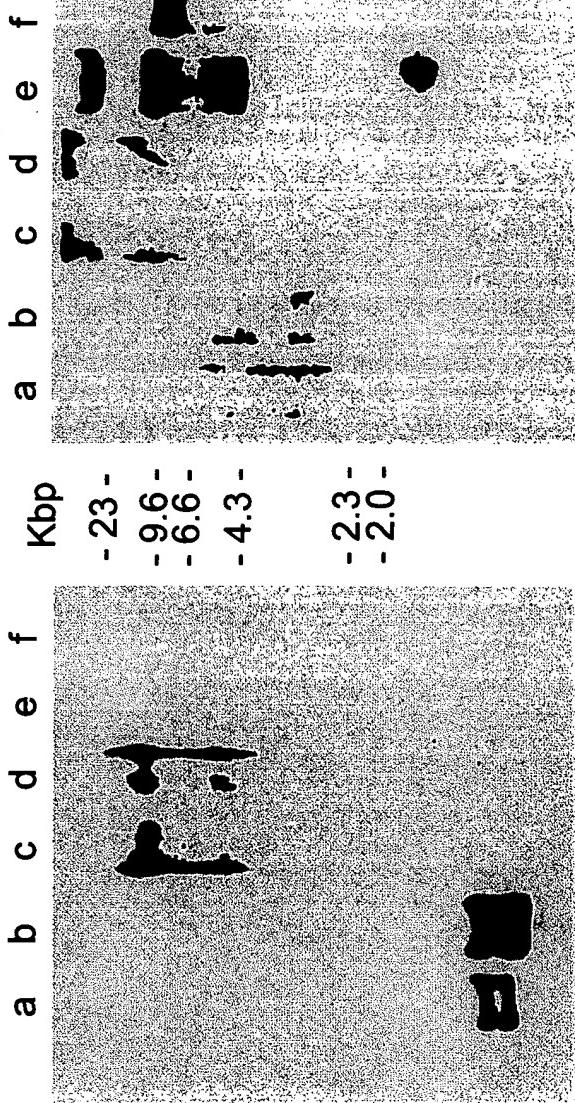


FIG. 2B

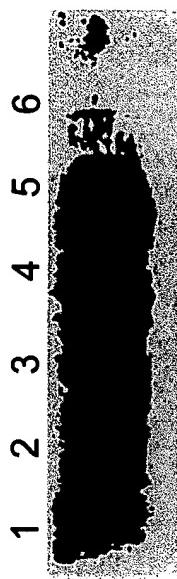
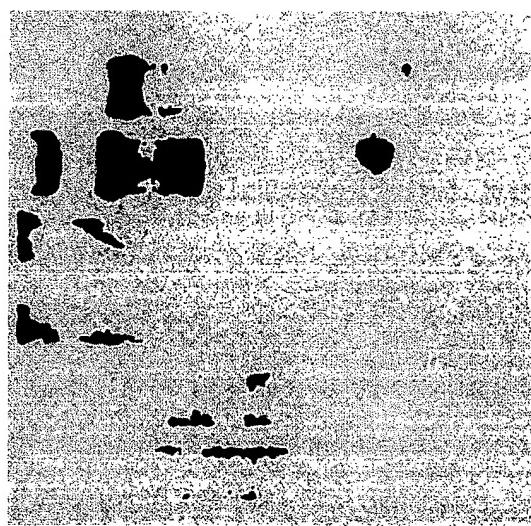


FIG. 2C



FIG. 2D

FIG. 3A

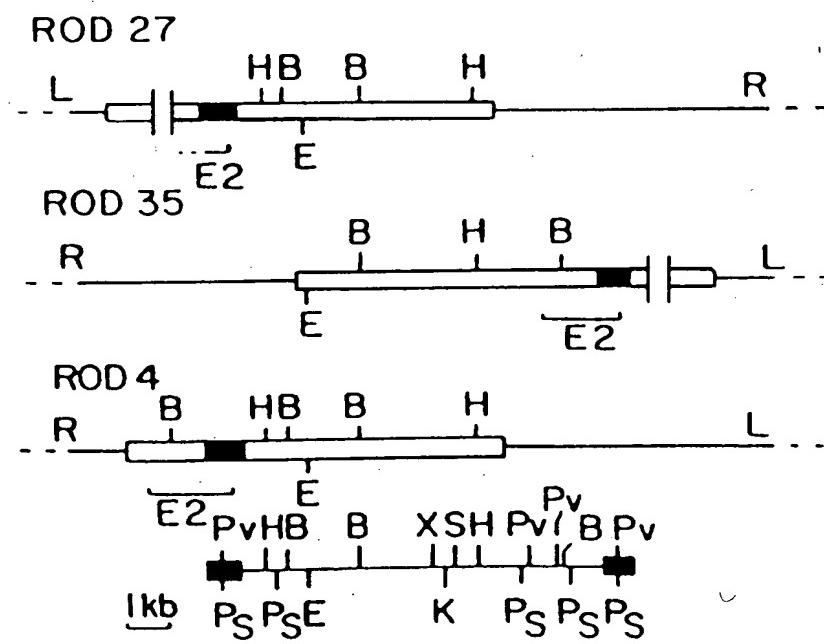
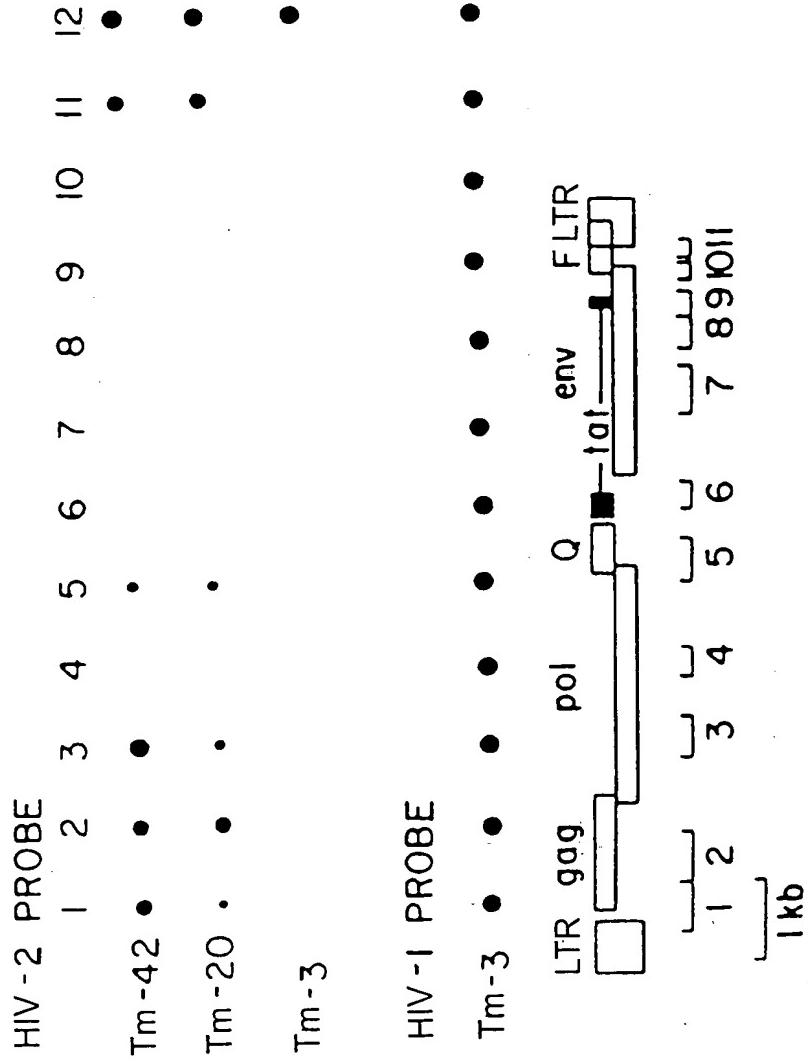


FIG. 3B

BEST AVAILABLE COPY

FIG. 4A

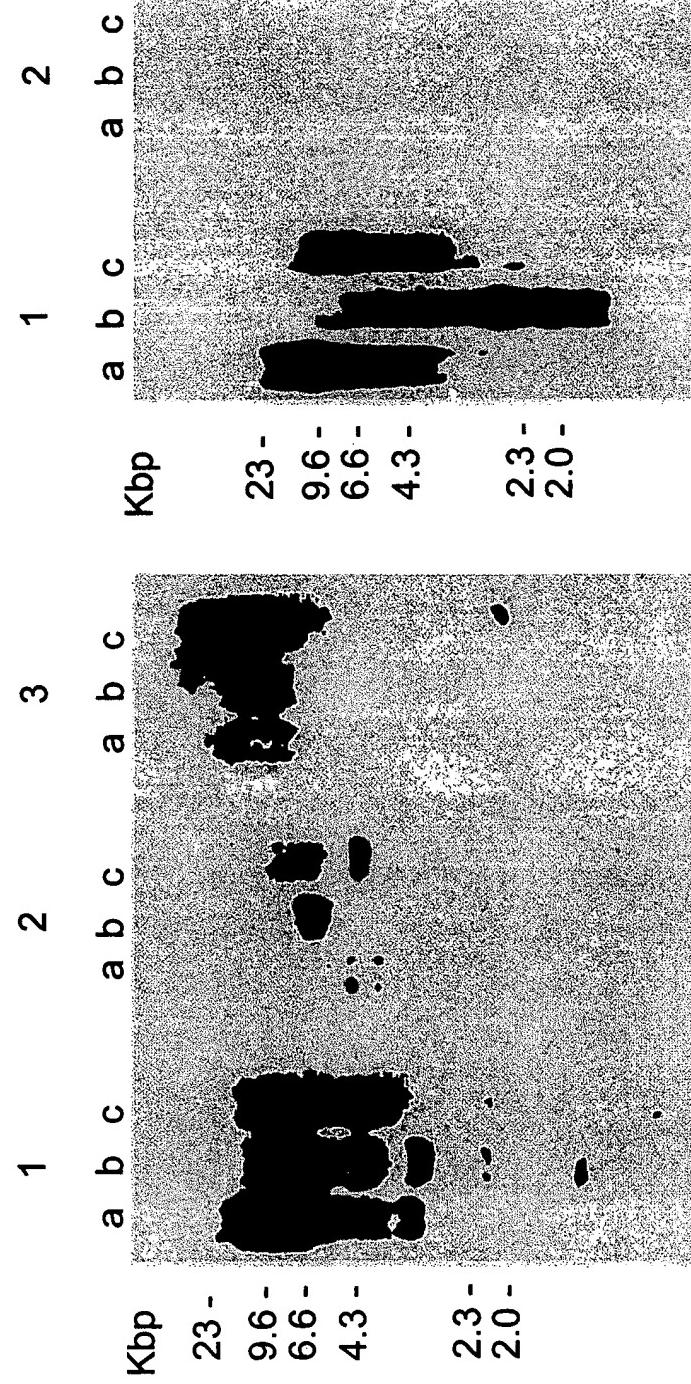


FIG. 4B

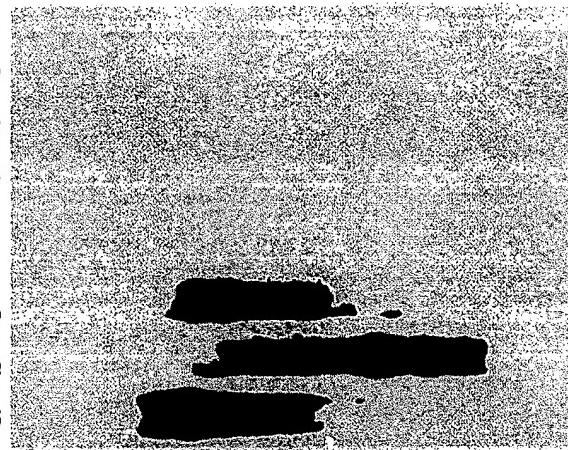
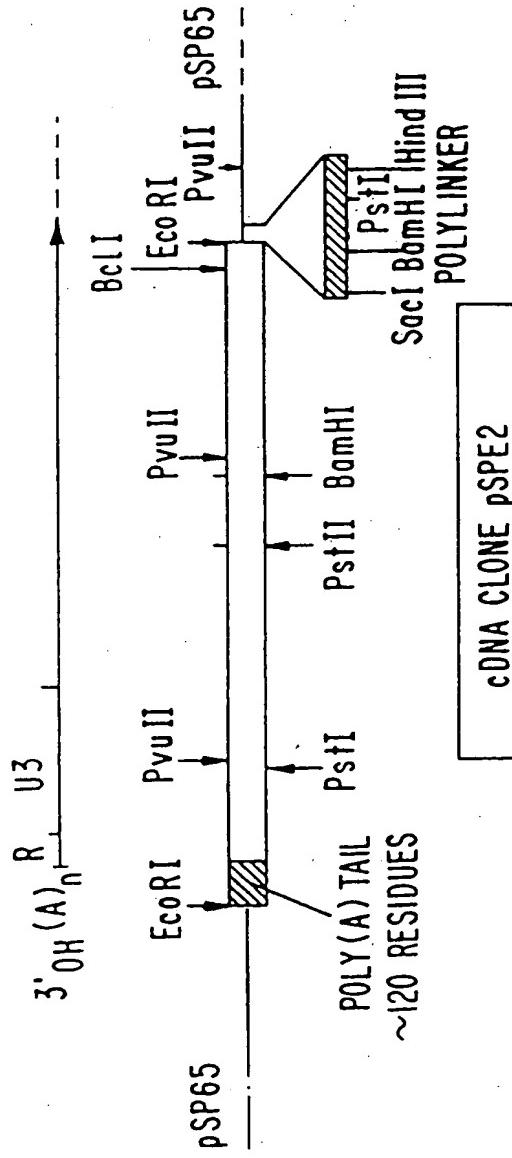


FIG. 5

THE BOUNDARIES OF R AND U3
ELEMENTS ARE NOT PRECISELY
DETERMINED.

200 b

HIV-2 RNA



NO SITES IN pSPE2 INSERT FOR: AccI / AvaI / BclI / BglII / ClaI / EcoRI
HincII / HindIII / KpnI / NdeI / NruI / PvuI /
SacI / SmaI / SalI / XbaI